```
Sun Feb 11 22:19:02 CST 2001
first version that completes a 3PCC call between two
local phones:
tmp/ephone_1 with options: -log -b 3575/3585 -v -v -d -d -t
tmp/ephone_2 with options: -log -b 3070/3080 -v -v -d -d -t
controlled by cc phone stack:
tmp/ephone_cc started as:
$ sip -v -v -d -d -u cc -p ibetmobile1':'5060 -au 9999'@kenmare.net@*:'9999
and using the following call setup script:

$ echo a 8070 0 >/dev/sip
# echo A >/dev/sip on the 8070 phone
$ echo a 8075 1 >/dev/sip # 1 because there is only one phone call active
# echo A >/dev/sip on the 8075 phone
$ echo a 8070 1 >/dev/sip # reuse same single active call

The resulting logs are:
# call control scripted log
log9999_0211_3pcc
# ephone_1 log
log8070_0211_0887
# ephone_2 log
log8075_0211_0691

Notes: if multiple calls are going to be controlled the ephone_cc must be
started with the -m option. The three step script above
must use the session id instead of number "1" call.
The call tear down needs some work on cc side, but this could
also be an issue with iSIP responses when all the clients share
the same IP address. The hear/speak debug message have been fixed.

[inferno@ibetmobile1 inferno]$ emu
using local version /home/inferno/inf2.3-356
Running: \n/home/inferno/inf2.3-356/Linux/386/bin/emu -r/home/inferno/inf2.3-356 -g1000x700 -i4096x8192x8192 -pmain=32000000 -c1   /dis/mash.dis\n
Inferno Release 2.3 Build 265i (LOCAL BUILD) main (pid=24239) compile
Initialize Dis: /dis/mash.dis

mash% date
date
Sun Feb 11 21:08:49 CST 2001
mash% lib/cs
lib/cs
mash%

mash% ps
ps
        1       1    inferno      alt    225K Mashlib
      164       1    inferno      alt     26K Cs
      765       1    inferno      ready  103K Ps
      766       1    inferno      release 100K Mashlib
mash% sip -v -v -d -d -u cc -p ibetmobile1':'5060 -au 9999'@kenmare.net@*:'9999
sip -v -v -d -d -u cc -p ibetmobile1':'5060 -au 9999'@kenmare.net@*:'9999
sip: user is cc
sip: proxy set to (ibetmobile1:5060) = 169.1.89.52:udp/5060
sip: audio disabled
sip: client set to 9999@kenmare.net@*:9999
sip: local address: 169.1.89.52
sip: local domain @kenmare.net
sip: this client: 9999@kenmare.net@169.1.89.52:udp/9999
sip: sound process 779
sip: command process 780
sip: /dev/sip is the command interpreter
sip: announced udp!*!9999 /net/udp/0 port 9999
sip: listen process 785
sip: monitor process 786
sip: connect to 5060 at udp!169.1.89.52!5060
sip: new connection to udp!169.1.89.52!5060 9999
sip: current state REGISTER 0
sip: sending:
REGISTER sip:kenmare.net SIP/2.0
v: SIP/2.0/UDP 169.1.89.52:9999
f: <sip:9999@kenmare.net>
t: <sip:9999@kenmare.net>
i: 1761951128@169.1.89.52
CSeq: 70809 REGISTER
m: <sip:9999@169.1.89.52:9999>
Expires: 3600
l: 0


sip: receiving:
[SIP/2.0 100 Trying
To: <sip:9999@kenmare.net>
From: <sip:9999@kenmare.net>
Call-ID: 1761951128@169.1.89.52
CSeq: 70809 REGISTER
Via: SIP/2.0/UDP 169.1.89.52:9999
Server: Lucent Technologies, Inc. iSIP Proxy/1.2.0
Content-Length: 0


]
sip: received REGISTER 100
sip: len via = 1
sip: received [REGISTER 100 Trying]
sip: receiving:
[SIP/2.0 200 OK
To: <sip:9999@kenmare.net>;tag=3a866e99
From: <sip:9999@kenmare.net>
Call-ID: 1761951128@169.1.89.52
CSeq: 70809 REGISTER
Via: SIP/2.0/UDP 169.1.89.52:9999
Contact: <sip:9999@169.1.89.52:9999>;action=proxy
Expires: 3600
Server: Lucent Technologies, Inc. iSIP Proxy/1.2.0
Content-Length: 0


]
sip: received REGISTER 200
sip: len via = 1
sip: received [REGISTER 200 OK]
sip: sent: REGISTER
mash% echo a 8070 0 >/dev/sip
echo a 8070 0 >/dev/sip
sip> a 8070 0
sip: sound received (, 0)
sip: sound received (r, -1)
sip: f=ringer
```

```
sip: calling 8070@kenmare.net from 9999@kenmare.net@169.1.89.52:9999
sip: calling 8070@kenmare.net
sip: set retransmission times (200 (really 1000), 5000)
sip: current state INVITE 0
sip: rtp/rrtp = 3456/3466
sip: adding session v=0
o=- 1830682532 1830682532 IN IP4 0.0.0.0
s=Inferno Ephone Session
c=IN IP4 0.0.0.0
t=0 0
m=audio 3456 RTP/AVP 0

sip: sending:
INVITE sip:8070@kenmare.net SIP/2.0
v: SIP/2.0/UDP 169.1.89.52:9999
f: cc<sip:9999@kenmare.net>;tag=76222ed7
t: <sip:8070@kenmare.net>
i: 1761951140@169.1.89.52
CSeq: 98890 INVITE
m: <sip:9999@169.1.89.52:9999>
User-Agent: Inferno Webphone 2630
s: Inferno Webphone INVITE
c: application/sdp
l: 122

v=0
o=- 1830682532 1830682532 IN IP4 0.0.0.0
s=Inferno Ephone Session
c=IN IP4 0.0.0.0
t=0 0
m=audio 3456 RTP/AVP 0

sip: sent: INVITE
sip: sound received (, 0)
mash% sip: receiving:
[SIP/2.0 100 Trying
To: <sip:8070@kenmare.net>
From: cc<sip:9999@kenmare.net>;tag=76222ed7
Call-ID: 1761951140@169.1.89.52
CSeq: 98890 INVITE
Via: SIP/2.0/UDP 169.1.89.52:9999
Server: Lucent Technologies, Inc. iSIP Proxy/1.2.0
Content-Length: 0


]
sip: received INVITE 100
sip: len via = 1
sip: received [INVITE 100 Trying]
sip: storing new path in call (route) 1761951140@169.1.89.52
sip: state INVITE 100 Trying
sip: receiving:
[SIP/2.0 180 Ringing
t: <sip:8070@kenmare.net>
f: cc<sip:9999@kenmare.net>;tag=76222ed7
i: 1761951140@169.1.89.52
CSeq: 98890 INVITE
v: SIP/2.0/UDP 169.1.89.52:9999
m: <sip:8070@169.1.89.52:8070>;action=proxy
Route: <sip:9999@169.1.89.52:9999>;action=proxy
l: 0


]
sip: received INVITE 180
sip: len via = 1
sip: route (9999@169.1.89.52:9999 . len 1)
sip: received [INVITE 180 Ringing]
sip: storing new path in call (route) 1761951140@169.1.89.52
sip: rewriting route in call 1761951140@169.1.89.52 using <sip:8070@169.1.89.52:8070>
sip: start audible ring
sip: sound received (w, -1)
sip: f=/sounds/ringback.pcm
sip: receiving:
[SIP/2.0 200 OK
t: <sip:8070@kenmare.net>;tag=76222eea
f: cc<sip:9999@kenmare.net>;tag=76222ed7
i: 1761951140@169.1.89.52
CSeq: 98890 INVITE
v: SIP/2.0/UDP 169.1.89.52:9999
m: <sip:8070@169.1.89.52:8070>;action=proxy
Content-Type: application/sdp
Record-Route: <sip:8070@kenmare.net;maddr=169.1.89.52>
l: 172

v=0
o=- 1830682532 1830682532 IN IP4 169.1.89.52
s=Inferno Ephone Session
c=IN IP4 169.1.89.52
t=981951159 0
m=audio 3080 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=ptime:20

]
sip: received INVITE 200
sip: len via = 1
sip: record-route ( <sip:8070@kenmare.net;maddr=169.1.89.52> . len 1)
sip: tag=76222eea in received INVITE  200 OK
sip: received session (1830682532,
v=0
o=- 1830682532 1830682532 IN IP4 169.1.89.52
s=Inferno Ephone Session
c=IN IP4 169.1.89.52
t=981951159 0
m=audio 3080 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=ptime:20)
sip: received [INVITE 200 OK]
sip: storing new path in call (record route) 1761951140@169.1.89.52
sip: adding session
v=0
o=- 1830682532 1830682532 IN IP4 169.1.89.52
s=Inferno Ephone Session
c=IN IP4 169.1.89.52
t=981951159 0
m=audio 3080 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=ptime:20
sip: will start audio next...
```

```
sip: sound received (, 0)
sip: current state ACK 0
sip: response missing via field (ACK)
sip: session 1830682532 data audio:
        c=IN IP4 0.0.0.0
        m=audio 3456 RTP/AVP 0
        rdata audio:
        c=IN IP4 169.1.89.52
        m=audio 3080 RTP/AVP 0
sip: start RTP/AVP/0 audio: 0 0.0.0.0:3456 169.1.89.52:3080


sip: sending:
ACK sip:8070@kenmare.net SIP/2.0
Route: <sip:8070@169.1.89.52:8070>;action=proxy
v: SIP/2.0/UDP 169.1.89.52:9999
f: cc<sip:9999@kenmare.net>;tag=76222ed7
t: <sip:8070@kenmare.net>;tag=76222eea
i: 1761951140@169.1.89.52
CSeq: 98890 ACK
m: <sip:9999@169.1.89.52:9999>
l: 0



sip: sent: ACK


mash% echo a 8075 1 >/dev/sip
echo a 8075 1 >/dev/sip
sip> a 8075 1
sip: calling 8075@kenmare.net from 9999@kenmare.net@169.1.89.52:9999
sip: sound received (, 0)
sip: calling 8075@kenmare.net
sip: current state INVITE 0
sip: rtp/rrtp = 3458/3468
sip: sending:
INVITE sip:8075@kenmare.net SIP/2.0
v: SIP/2.0/UDP 169.1.89.52:9999
f: cc<sip:9999@kenmare.net>;tag=76222ed7
t: <sip:8075@kenmare.net>;tag=76222eea
i: 1761951140@169.1.89.52
CSeq: 98890 INVITE
m: <sip:9999@169.1.89.52:9999>
User-Agent: Inferno Webphone 2630
s: Inferno Webphone INVITE
c: application/sdp
l: 172


v=0
o=- 1830682532 1830682532 IN IP4 169.1.89.52
s=Inferno Ephone Session
c=IN IP4 169.1.89.52
t=981951159 0
m=audio 3080 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=ptime:20
sip: sent: INVITE
sip: sound received (, 0)
mash% sip: viahost returns @169.1.89.52:udp/5060
sip: INVITE resent
sip: viahost returns @169.1.89.52:udp/5060
sip: INVITE resent
sip: receiving:
[SIP/2.0 100 Trying
To: <sip:8075@kenmare.net>;tag=76222eea
From: cc<sip:9999@kenmare.net>;tag=76222ed7
Call-ID: 1761951140@169.1.89.52
CSeq: 98890 INVITE
Via: SIP/2.0/UDP 169.1.89.52:9999
Server: Lucent Technologies, Inc. iSIP Proxy/1.2.0
Content-Length: 0


]
sip: received INVITE 100
sip: len via = 1
sip: received [INVITE 100 Trying]
sip: storing via field in call 1761951140@169.1.89.52
sip: state INVITE 100 Trying
sip: receiving:
[SIP/2.0 180 Ringing
t: <sip:8075@kenmare.net>;tag=76222eea
f: cc<sip:9999@kenmare.net>;tag=76222ed7
i: 1761951140@169.1.89.52
CSeq: 98890 INVITE
v: SIP/2.0/UDP 169.1.89.52:9999
m: <sip:8075@169.1.89.52:8075>;action=proxy
Route: <sip:9999@169.1.89.52:9999>;action=proxy
l: 0


]
sip: received INVITE 180
sip: len via = 1
sip: route (9999@169.1.89.52:9999 . len 1)
sip: received [INVITE 180 Ringing]
sip: storing via field in call 1761951140@169.1.89.52
sip: start audible ring
sip: sound received (w, -1)
sip: f=/sounds/ringback.pcm
sip: receiving:
[SIP/2.0 200 OK
t: <sip:8075@kenmare.net>;tag=76222eea
f: cc<sip:9999@kenmare.net>;tag=76222ed7
i: 1761951140@169.1.89.52
CSeq: 98890 INVITE
v: SIP/2.0/UDP 169.1.89.52:9999
m: <sip:8075@169.1.89.52:8075>;action=proxy
Content-Type: application/sdp
Record-Route: <sip:8075@kenmare.net;maddr=169.1.89.52>
l: 172


v=0
o=- 1830682532 1830682532 IN IP4 169.1.89.52
s=Inferno Ephone Session
c=IN IP4 169.1.89.52
t=981951186 0
m=audio 3585 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=ptime:20
```

```
]
sip: received INVITE 200
sip: len via = 1
sip: record-route ( <sip:8075@kenmare.net;maddr=169.1.89.52> . len 1)
sip: tag=76222eea in received INVITE  200 OK
sip: received session (1830682532,
v=0
o=- 1830682532 1830682532 IN IP4 169.1.89.52
s=Inferno Ephone Session
c=IN IP4 169.1.89.52
t=981951186 0
m=audio 3585 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=ptime:20)
sip: received [INVITE 200 OK]
sip: storing new path in call (record route) 1761951140@169.1.89.52
sip: adding session
v=0
o=- 1830682532 1830682532 IN IP4 169.1.89.52
s=Inferno Ephone Session
c=IN IP4 169.1.89.52
t=981951186 0
m=audio 3585 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=ptime:20
sip: will start audio next...
sip: sound received (, 0)
sip: current state ACK 0
sip: response missing via field (ACK)
sip: session 1830682532 data audio:
        c=IN IP4 0.0.0.0
        m=audio 3456 RTP/AVP 0
        rdata audio:
        c=IN IP4 169.1.89.52
        m=audio 3585 RTP/AVP 0
sip: audio already started
sip: sending:
ACK sip:8075@kenmare.net SIP/2.0
Route: <sip:8075@169.1.89.52:8075>;action=proxy
v: SIP/2.0/UDP 169.1.89.52:9999
f: cc<sip:9999@kenmare.net>;tag=76222ed7
t: <sip:8075@kenmare.net>;tag=76222eea
i: 1761951140@169.1.89.52
CSeq: 98890 ACK
m: <sip:9999@169.1.89.52:9999>
1: 0


sip: sent: ACK


mash% echo a 8070 1 >/dev/sip
echo a 8070 1 >/dev/sip
sip> a 8070 1
sip: calling 8070@kenmare.net from 9999@kenmare.net@169.1.89.52:9999
sip: sound received (, 0)
sip: calling 8070@kenmare.net
sip: current state INVITE 0
sip: rtp/rrtp = 3460/3470
sip: sending:
INVITE sip:8070@kenmare.net SIP/2.0
v: SIP/2.0/UDP 169.1.89.52:9999
f: cc<sip:9999@kenmare.net>;tag=76222ed7
t: <sip:8070@kenmare.net>;tag=76222eea
i: 1761951140@169.1.89.52
CSeq: 98890 INVITE
m: <sip:9999@169.1.89.52:9999>
User-Agent: Inferno Webphone 2630
s: Inferno Webphone INVITE
c: application/sdp
1: 172


v=0
o=- 1830682532 1830682532 IN IP4 169.1.89.52
s=Inferno Ephone Session
c=IN IP4 169.1.89.52
t=981951186 0
m=audio 3585 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=ptime:20
sip: sent: INVITE
sip: sound received (, 0)
mash% sip: viahost returns @169.1.89.52:udp/5060
sip: INVITE resent
sip: viahost returns @169.1.89.52:udp/5060
sip: INVITE resent
sip: viahost returns @169.1.89.52:udp/5060
sip: INVITE resent
sip: receiving:
[SIP/2.0 100 Trying
To: <sip:8070@kenmare.net>;tag=76222eea
From: cc<sip:9999@kenmare.net>;tag=76222ed7
Call-ID: 1761951140@169.1.89.52
CSeq: 98890 INVITE
Via: SIP/2.0/UDP 169.1.89.52:9999
Server: Lucent Technologies, Inc. iSIP Proxy/1.2.0
Content-Length: 0


]
sip: received INVITE 100
sip: len via = 1
sip: received [INVITE 100 Trying]
sip: storing via field in call 1761951140@169.1.89.52
sip: state INVITE 100 Trying
sip: receiving:
[SIP/2.0 200 OK
t: <sip:8070@kenmare.net>;tag=76222eea
f: cc<sip:9999@kenmare.net>;tag=76222ed7
i: 1761951140@169.1.89.52
CSeq: 98890 INVITE
v: SIP/2.0/UDP 169.1.89.52:9999
m: <sip:8070@169.1.89.52:8070>;action=proxy
Content-Type: application/sdp
Record-Route: <sip:8070@kenmare.net;maddr=169.1.89.52>
1: 172

v=0
```

```
o=- 1830682532 1830682532 IN IP4 169.1.89.52
s=Inferno Ephone Session
c=IN IP4 169.1.89.52
t=981951159 0
m=audio 3080 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=ptime:20

]
sip: received INVITE 200
sip: len via = 1
sip: record-route ( <sip:8070@kenmare.net;maddr=169.1.89.52> . len 1)
sip: tag=76222eea in received INVITE  200 OK
sip: received session (1830682532,
v=0
o=- 1830682532 1830682532 IN IP4 169.1.89.52
s=Inferno Ephone Session
c=IN IP4 169.1.89.52
t=981951159 0
m=audio 3080 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=ptime:20)
sip: received [INVITE 200 OK]
sip: storing new path in call (record route) 17619511400169.1.89.52
sip: adding session
v=0
o=- 1830682532 1830682532 IN IP4 169.1.89.52
s=Inferno Ephone Session
c=IN IP4 169.1.89.52
t=981951159 0
m=audio 3080 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=ptime:20
sip: will start audio next...
sip: current state ACK 0
sip: response missing via field (ACK)
sip: session 1830682532 data audio:
        c=IN IP4 0.0.0.0
        m=audio 3456 RTP/AVP 0
        rdata audio:
        c=IN IP4 169.1.89.52
        m=audio 3080 RTP/AVP 0
sip: audio already started
sip: sending:
ACK sip:8070@kenmare.net SIP/2.0
Route: <sip:8070@169.1.89.52:8070>;action=proxy
v: SIP/2.0/UDP 169.1.89.52:9999
f: cc<sip:9999@kenmare.net>;tag=76222ed7
t: <sip:8070@kenmare.net>;tag=76222eea
i: 17619511400169.1.89.52
CSeq: 98890 ACK
m: <sip:9999@169.1.89.52:9999>
l: 0


sip: sent: ACK
sip: sound received (, 0)
sip: receiving:
[SIP/2.0 100 Trying
To: <sip:8075@kenmare.net>;tag=76222eea
From: cc<sip:9999@kenmare.net>;tag=76222ed7
Call-ID: 17619511400169.1.89.52
CSeq: 98891 BYE
Via: SIP/2.0/UDP 169.1.89.52:9999
Server: Lucent Technologies, Inc. iSIP Proxy/1.2.0
Content-Length: 0


]
sip: received BYE 100
sip: len via = 1
sip: received [BYE 100 Trying]
sip: storing via field in call 17619511400169.1.89.52
sip: state BYE 100 Trying
sip: stop audio: 0 0.0.0.0:3456:RTP/AVP/0 169.1.89.52:3080:RTP/AVP/0

kill: process 0: file does not exist
kill: process 0: file does not exist
sip: removing call 17619511400169.1.89.52
sip: removing call 17619511400169.1.89.52
sip: receiving:
[BYE sip:9999@169.1.89.52:9999 SIP/2.0
t: <sip:8075@kenmare.net>;tag=76222eea
f: cc<sip:9999@kenmare.net>;tag=76222ed7
i: 17619511400169.1.89.52
CSeq: 98891 BYE
v: SIP/2.0/UDP ibetmobile1:5060;branch=32a;maddr=169.1.89.52
v: SIP/2.0/UDP 169.1.89.52:9999
m: <sip:8075@169.1.89.52:8075>;action=proxy
Record-Route: <sip:9999@169.1.89.52;maddr=169.1.89.52>
l: 0


]
sip: received BYE 0
sip: len via = 2
sip: record-route ( <sip:9999@169.1.89.52;maddr=169.1.89.52> . len 1)
sip: received [BYE]
sip: current state BYE 200 OK
sip: sound received (, 0)
sip: viahost returns @169.1.89.52:udp/5060
sip: reconnect to 5060 at udp!169.1.89.52!5060
sip: reuse dialed 169.1.89.52:udp/5060 9999
sip: sending:
SIP/2.0 200 OK
v: SIP/2.0/UDP ibetmobile1:5060;branch=32a;maddr=169.1.89.52
v: SIP/2.0/UDP 169.1.89.52:9999
f: cc<sip:9999@kenmare.net>;tag=76222ed7
t: <sip:8075@kenmare.net>;tag=76222eea
i: 17619511400169.1.89.52
CSeq: 98891 BYE
m: <sip:9999@169.1.89.52:9999>
l: 0


sip: sent: BYE 200 OK
sip: removing call 17619511400169.1.89.52
sip: receiving:
[SIP/2.0 200 OK
t: <sip:8075@kenmare.net>;tag=76222eea
```

```
f: cc<sip:9999@kenmare.net>;tag=76222ed7
i: 17619511400169.1.89.52
CSeq: 98891 BYE
v: SIP/2.0/UDP 169.1.89.52:9999
m: <sip:9999@169.1.89.52:9999>;action=proxy
l: 0


]
sip: received BYE 200
sip: len via = 1
sip: received [BYE 200 OK]
sip: state BYE 200 OK
sip: removing call 17619511400169.1.89.52
sip: receiving:
[SIP/2.0 200 OK
t: <sip:8075@kenmare.net>;tag=76222eea
f: cc<sip:9999@kenmare.net>;tag=76222ed7
i: 17619511400169.1.89.52
CSeq: 98891 BYE
v: SIP/2.0/UDP 169.1.89.52:9999
m: <sip:9999@169.1.89.52:9999>;action=proxy
l: 0


]
sip: received BYE 200
sip: len via = 1
sip: received [BYE 200 OK]
sip: state BYE 200 OK
sip: removing call 17619511400169.1.89.52
sip: receiving:
[SIP/2.0 200 OK
t: <sip:8075@kenmare.net>;tag=76222eea
f: cc<sip:9999@kenmare.net>;tag=76222ed7
i: 17619511400169.1.89.52
CSeq: 98891 BYE
v: SIP/2.0/UDP 169.1.89.52:9999
m: <sip:9999@169.1.89.52:9999>;action=proxy
l: 0


]
sip: received BYE 200
sip: len via = 1
sip: received [BYE 200 OK]         .
sip: state BYE 200 OK
sip: removing call 17619511400169.1.89.52
sip: receiving:
[SIP/2.0 100 Trying
To: <sip:8070@kenmare.net>;tag=76222eea
From: cc<sip:9999@kenmare.net>;tag=76222ed7
Call-ID: 17619511400169.1.89.52
CSeq: 98891 BYE
Via: SIP/2.0/UDP 169.1.89.52:9999
Server: Lucent Technologies, Inc. iSIP Proxy/1.2.0
Content-Length: 0


]
sip: received BYE 100
sip: len via = 1
sip: received [BYE 100 Trying]
sip: state BYE 100 Trying
sip: removing call 17619511400169.1.89.52
sip: receiving:
[BYE sip:9999@169.1.89.52:9999 SIP/2.0
t: <sip:8070@kenmare.net>;tag=76222eea
f: cc<sip:9999@kenmare.net>;tag=76222ed7
i: 17619511400169.1.89.52
CSeq: 98891 BYE
v: SIP/2.0/UDP ibetmobile1:5060;branch=3;maddr=169.1.89.52
v: SIP/2.0/UDP 169.1.89.52:9999
m: <sip:8070@169.1.89.52:8070>;action=proxy
Record-Route: <sip:9999@169.1.89.52;maddr=169.1.89.52>
l: 0


]
sip: received BYE 0
sip: len via = 2
sip: record-route ( <sip:9999@169.1.89.52;maddr=169.1.89.52> . len 1)
sip: received [BYE]
sip: sound received (, 0)
sip: current state BYE 200 OK
sip: viahost returns @169.1.89.52:udp/5060
sip: reconnect to 5060 at udp!169.1.89.52!5060
sip: reuse dialed 169.1.89.52:udp/5060 9999
sip: sending:
SIP/2.0 200 OK
v: SIP/2.0/UDP ibetmobile1:5060;branch=3;maddr=169.1.89.52
v: SIP/2.0/UDP 169.1.89.52:9999
f: cc<sip:9999@kenmare.net>;tag=76222ed7
t: <sip:8070@kenmare.net>;tag=76222eea
i: 17619511400169.1.89.52
CSeq: 98891 BYE
m: <sip:9999@169.1.89.52:9999>
l: 0


sip: sent: BYE 200 OK
sip: removing call 17619511400169.1.89.52
sip: receiving:
[SIP/2.0 200 OK
t: <sip:8070@kenmare.net>;tag=76222eea
f: cc<sip:9999@kenmare.net>;tag=76222ed7
i: 17619511400169.1.89.52
CSeq: 98891 BYE
v: SIP/2.0/UDP 169.1.89.52:9999
m: <sip:9999@169.1.89.52:9999>;action=proxy
l: 0


]
sip: received BYE 200
sip: len via = 1
sip: received [BYE 200 OK]
sip: state BYE 200 OK
sip: removing call 17619511400169.1.89.52
sip: receiving:
```

```
[SIP/2.0 200 OK
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f: cc<sip:9999@kenmare.net>;tag=76222ed7
i: 1761951140@169.1.89.52
CSeq: 98891 BYE
v: SIP/2.0/UDP 169.1.89.52:9999
m: <sip:9999@169.1.89.52:9999>;action=proxy
l: 0


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i: 1761951140@169.1.89.52
CSeq: 98891 BYE
v: SIP/2.0/UDP 169.1.89.52:9999
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CSeq: 98891 BYE
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sip: receiving:
[SIP/2.0 200 OK
```

```
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v: SIP/2.0/UDP 169.1.89.52:9999
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sip: received [BYE 200 OK]
sip: state BYE 200 OK
sip: removing call 1761951140@169.1.89.52


mash% date
date
Sun Feb 11 22:19:02 CST 2001
mash%
```